

Type: Probiotic Laundry Liquid	Base: Natural Plant & Microbe Formula Phosphate Free	Approvals: EcoChoice Approved
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PRODUCT DESCRIPTION

GEARTH Probiotic Laundry Wash is a natural, plant and microbe-based high-performance laundry liquid. Unlike conventional laundry products that are merely eco-friendly or biodegradable, GEARTH Probiotic Laundry Wash actively benefits septic systems, reed beds, wastewater treatment plants, greywater systems and recycled water systems with every wash cycle.

The product controls and eliminates laundry mould, mildew, pathogens and washing machine odours through the scientific process of **Competitive Exclusion**. It works throughout the washing cycle and continues to deep clean for days to weeks afterwards, keeping laundry free of odours, fabrics feeling fresh and increasing their durability over time.

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KEY FEATURES & BENEFITS

- High performance cleaning — effective on tough stains
- Probiotic formula actively benefits septic systems and reed beds
- Excellent for greywater and recycled water systems
- Benefits wastewater and water recycling plants
- Controls mould, mildew and pathogens via Competitive Exclusion
- Keeps washing machines free of odours
- Continuous deep cleaning for days to weeks after the wash cycle
- Mild fabric softening effect
- Excellent stain removal properties
- Gentler on the skin
- Phosphate free
- Non-volatile, non-corrosive, non-toxic
- Suitable for hard water environments
- Natural plant-based formula
- No added dyes
- Sophisticated and lingering fragrance
- Economical to use
- EcoChoice Approved

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APPLICATIONS

GEARTH Probiotic Laundry Wash is suitable for use in domestic, commercial, hospitality and institutional laundry applications. It is particularly well-suited to facilities connected to septic systems, reed bed systems, greywater systems or water recycling infrastructure, where conventional detergents may cause harm. Suitable for use in both top-loading and front-loading washing machines.

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STAIN PERFORMANCE

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GEARTH Probiotic Laundry Wash

Natural Plant & Microbe Based High Performance Laundry Liquid

TECHNICAL DATA SHEET

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GEARTH Probiotic Laundry Wash demonstrates excellent performance against a wide range of tough stains, including: Grass | Blood | Tomato Sauce | Suntan Lotion | Gravies | Toothpaste | Red Wine | Grease | Coffee | Deodorant | Makeup | Mud | Fruit Juice | and many more

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DIRECTIONS FOR USE

Dose directly into the washing machine detergent tray. Refer to the Dosage Guidelines table below for recommended volumes based on machine type and soil level.

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DOSAGE GUIDELINES

Machine Type	Soil Level	Recommended Dose
Top Loader	Heavy Soil	110 ml per wash
Top Loader	Medium Soil	75 ml per wash
Front Loader	Heavy Soil	75 ml per wash
Front Loader	Medium Soil	50 ml per wash

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TOUGH STAIN REMOVAL PROTOCOL

- Step 1 — Pretreat immediately:** As soon as the stain occurs, mix 3 parts cold water with 1 part GEARTH Probiotic Laundry Wash to form a concentrated liquid. Scrub this directly into the stain.
- Step 2 — Allow to penetrate:** Leave the pretreated garment to stand for a minimum of 1 hour.
- Step 3 — Soak overnight:** Soak the garment with sufficient product in very hot water overnight.
- Step 4 — Wash as normal:** Launder the garment the following day using the standard wash cycle.
- Important:** Do not tumble dry or iron the garment if the stain is still visible. Repeat the above process until the stain is fully removed.

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TECHNICAL SPECIFICATIONS

Physical State	Liquid
Appearance	Not Specified
Specific Gravity	Not Specified
pH	Not Specified
Solubility	Not Specified
Odour	Sophisticated and lingering fragrance

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Flash Point	Not Specified
Boiling Point	Not Specified
Formulation Type	Natural plant and microbe-based probiotic laundry liquid
Active Mechanism	Competitive Exclusion — probiotic microbes outcompete and suppress mould, mildew and pathogens
Phosphate Content	Phosphate free
Dyes	No added dyes
Toxicity	Non-volatile, non-corrosive, non-toxic
Water Compatibility	Suitable for hard water environments
Wastewater Benefit	Actively benefits septic systems, reed beds, greywater systems, wastewater and water recycling plants
Fabric Care	Mild fabric softening effect; increases fabric durability over time
Skin Safety	Gentler on the skin than conventional laundry detergents

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STORAGE & SHELF LIFE

Shelf Life	Not Specified — contact GEARTH (Pty) Ltd for confirmation.
Storage Conditions	Store at ambient temperature, away from direct sunlight. Keep container sealed when not in use.

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PACKAGING

Packaging	Packaging sizes not specified in source documentation. Contact GEARTH (Pty) Ltd for available pack sizes and bulk supply options.
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ENVIRONMENTAL INFORMATION

- Natural plant and microbe-based formula — not synthetic.
- Phosphate free — does not contribute to waterway eutrophication.
- No added dyes — reduces chemical load in wastewater.
- Non-volatile, non-corrosive and non-toxic.
- Actively benefits septic systems, reed beds, greywater systems and wastewater treatment plants with every wash cycle.

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- Supports sustainable water recycling and greywater reuse infrastructure.
- EcoChoice Approved.

The information contained in this Technical Data Sheet is based on data believed to be accurate at the time of publication. GEARTH (Pty) Ltd reserves the right to update or revise specifications without prior notice. Users are responsible for determining the suitability of this product for their specific application. Always handle cleaning products in accordance with applicable health, safety and environmental legislation.